MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

AUGUST 1924

J. A. BROWN, DIRECTOR

LIBRARY 1924 Weather Bureau

PRINTED AT THE UNIVERSITY PRESS

AUGUST 1924

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	754.9	754.6	754.3	754.6	31.4	23.1		12.2	
2	3.5	3.3	4.2	3.7	31.7	25.1		11.5	
3	4.0	4.1	4.4	4.2	31.1	24.4		12.2	
4	4.3	3.9	4.4	4.2	30.9	23.2		11.9	
5	4.4	3.9	4.4	4.3	30.9	22.8	—	12.2	
6	5.2	5.4	6.3	5.6	31.0	23.3		12.2	
7	6.8	7.2	7.5	7.3	31.5	23.2		12.0	
8	6.4	6.0	5.8	6.1	31.7	24.9		12.2	
9	5.6	5.6	5.8	5.7	30.9	24.1		11.7	
10	6.0	5.7	6.3	6.0	31.2	22.8	—	12.2	
11	5.9	5.7	5.9	5.8	31.1	22.9		12.2	
12	6.0	5.1	6.1	5.7	31.2	23.5		12.2	
13	6.6	6.4	7.0	6.7	31.7	24.2		12.2	
14	7.8	6.7	7.0	7.2	31.1	23.3		12.0	
15	6.4	5.2	4.0	5.2	30.9	23.4	—	12.0	
16	4.5	4.2	4.8	4.5	31.3	22.8		12.1	
17	5.8	5.4	6.1	5.8	31.8	23.2		12.0	
18	6.2	6.0	5.4	5.9	31.2	23.3		12.0	
19	4.4	3.8	4.2	4.1	31.6	24.6		11.8	
20	4.9	4.9	6.0	5.3	30.9	23.4	—	11.9	
21	5.9	4.8	4.4	5.0	31.4	24.6		12.0	
22	5.4	4.7	5.2	5.1	32.7	25.3		12.1	
23	6.3	6.1	6.8	6.4	32.1	25.2		12.2	
24	7.1	6.4	6.3	6.6	31.7	24.1		12.2	
25	5.6	4.2	4.0	4.6	31.5	24.7	—	12.0	
26	4.0	3.0	3.5	3.5	32.2	24.7		11.9	
27	2.9	2.2	3.1	2.7	31.8	25.7		11.8	
28	4.7	4.8	5.6	5.0	31.3	25.9		11.8	
29	6.1	6.2	7.6	6.6	31.6	23.1		11.8	
30	7.4	7.4	7.2	7.3	31.9	24.3		11.7	
31	6.9	5.6	6.9	6.5	31.9	24.1	—	9.7	—
	755.55	755.11	755.50	755.39	31.46	23.94		12.1	

BAROMETER

Maximum 757.8 on 14th

Minimum 752.2 on 27th

THERMOMETER

Maximum 32.2 on 26th

Minimum 22.8 on 5th, 10th & 16th

Minimum on grass on

RAINFALL

Maximum mm. on

Number of days with rain 0 thunderstorms 0 fog 0 gale 0

AUGUST 1924

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	28.3	30.6	26.9	28.6	23.3	24.7	22.7	17.3	18.5	17.2	17.7	60	57	65	61
2	28.8	30.9	27.1	28.9	21.5	23.6	22.8	14.2	16.2	17.2	15.9	47	48	63	53
3	28.6	30.4	26.7	28.6	23.3	24.1	22.2	17.1	17.4	16.5	17.0	59	54	63	59
4	28.3	20.7	26.2	28.4	21.6	22.2	20.5	14.6	14.2	14.0	14.3	51	42	55	49
5	28.1	29.8	26.3	28.1	22.8	23.7	22.9	16.6	17.1	18.0	17.2	58	55	70	61
6	27.9	30.0	25.6	27.8	23.5	23.8	23.2	18.0	17.3	19.1	18.1	64	55	78	66
7	28.7	30.6	25.0	28.4	24.9	25.6	24.3	20.2	20.2	21.2	20.5	70	61	85	72
8	29.6	31.1	26.8	29.2	25.2	25.6	23.4	20.1	19.7	18.7	19.5	64	58	71	64
9	28.2	30.2	25.8	28.1	22.1	23.4	21.5	15.5	16.5	16.0	16.0	54	52	62	57
10	29.1	30.3	26.6	28.7	22.2	23.3	22.3	15.1	16.2	16.8	16.0	50	50	65	55
11	28.1	30.1	26.1	28.1	22.1	24.4	23.3	15.4	18.3	18.9	17.5	54	58	75	62
12	28.7	31.1	26.8	28.9	24.6	25.4	24.3	19.6	19.5	20.5	19.9	67	57	78	67
13	28.9	31.6	26.7	29.1	21.8	25.6	24.3	14.6	19.3	20.6	18.2	49	56	79	61
14	27.7	27.7	26.2	27.2	22.9	25.8	22.8	17.0	23.0	18.0	19.3	61	84	71	72
15	28.2	30.2	26.1	28.2	23.8	24.4	23.6	18.4	18.2	19.6	18.7	65	57	78	67
16	28.5	31.2	26.7	28.8	21.7	25.6	24.3	14.5	19.7	20.5	18.2	50	58	79	62
17	28.2	30.8	26.1	28.4	24.8	25.4	23.8	20.4	19.7	20.0	20.0	72	59	80	70
18	28.2	30.6	26.4	28.4	24.1	25.0	23.8	18.8	19.0	19.9	19.2	66	58	77	67
19	28.5	30.6	26.7	28.6	23.6	24.4	22.8	17.8	17.9	17.5	17.7	61	55	67	61
20	28.3	29.9	27.6	28.6	22.9	23.8	23.8	16.8	17.1	18.9	17.6	58	54	69	60
21	28.4	29.9	28.2	28.8	24.3	24.6	24.7	19.1	18.0	20.2	19.3	67	59	71	66
22	28.6	30.7	27.6	29.0	25.7	25.4	25.4	22.0	19.7	22.1	21.3	75	59	82	72
23	29.3	31.5	27.4	29.4	26.0	25.6	25.2	22.0	21.4	21.8	21.7	72	62	80	71
24	29.0	30.9	27.6	29.2	25.7	26.1	25.5	21.6	21.0	22.3	21.6	72	63	82	72
25	29.0	30.8	27.8	29.2	25.9	26.2	25.7	22.1	21.2	22.7	22.0	74	63	82	73
26	28.6	31.2	27.3	29.0	25.4	26.8	25.4	21.3	22.2	22.5	22.0	73	60	84	72
27	28.5	30.9	28.2	29.2	24.9	26.5	25.0	20.3	21.8	20.7	20.9	71	65	73	70
28	29.2	30.8	26.9	29.0	26.1	23.8	21.8	22.3	16.6	15.6	18.3	74	49	59	61
29	29.1	31.0	26.9	29.0	23.1	25.5	24.3	16.5	19.7	20.3	18.8	55	59	77	62
30	28.3	31.2	27.6	29.0	24.8	25.8	23.7	20.3	20.1	18.7	19.7	75	59	69	66
31	29.1	30.5	26.3	28.6	23.8	23.7	21.5	17.7	16.7	15.7	16.7	58	51	61	57
	28.58	30.57	26.81	28.66	23.83	24.86	23.57	18.30	18.84	19.09	18.74	62.7	57.3	72.7	64.2

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

AUGUST 1924

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	2	2	1.3	3s	4s	5s	290.7	slight	
2	1	2	2n	1.7	4s	4s	5s	310.5	,,	
3	1	1	2	1.3	4s	5s	4s	288.4	,,	
4	1	0	0	0.3	2s	4s	1	197.6	v. slight	
5	1	0	0	0.3	1	3	0	135.2	calm	
6	2	0	0	0.7	2	3	0	124.5	,,	
7	0	0	0	0.0	3	3	0	83.7	,,	
8	1	0	0	0.3	3	3	1	128.6	v. slight	
9	1	2	0	1.0	2	4	2	233.6	slight	
10	1	0	1	0.7	2	3	1	182.1	v. slight	
11	1	2	0	1.0	1	3	0	170.4	calm	
12	1	1	0	0.7	1	2	0	112.9	,,	
13	1	0	1	0.7	1	2	1	92.3	,,	
14	1	0	1	0.7	1nw	2nw	0	57.9	,,	
15	2	1	0	1.0	2	3w	0	105.2	,,	
16	1	1	0	0.7	1	2	0	145.9	,,	
17	2	1	0	1.0	2	2	0	112.0	v. slight	
18	2	1	0	1.0	2	4	1nw	173.5	,,	
19	2	2	1	1.7	2s	5s	1	288.0	slight	
20	2	0	2	1.3	2	3	1n	181.2	calm	
21	1	0	0	0.3	1ne	4ne	3ne	194.7	v. slight	
22	0	0	0	0.0	1ne	3ne	2ne	234.6	,,	
23	1	0	0	0.3	1nw	2ne	0	81.5	calm	dew
24	0	0	0	0.0	2ne	1nw	0	64.3	,,	,,
25	1	0	3	1.3	1nw	2nw	1	67.0	,,	,,
26	1	1	0	0.7	2	4	2	190.2	v. slight	
27	1	0	0	0.3	5s	5s	6s	370.0	slight	
28	1	0	0	0.3	4s	4s	4s	369.5	,,	
29	0	1	0	0.3	2	3	1	159.2	v. slight	
30	1	0	0	0.3	5s	3s	4s	308.7	slight	
31	3	2	3	2.7	3	3	1	190.7	,,	
				0.77				182.08		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	3	0	0	8	17	0	3	0
2:30	0	3	0	0	8	16	1	3	0
8:30	1	2	0	0	6	10	0	1	11
Totals	1	8	0	0	22	43	1	7	11

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.